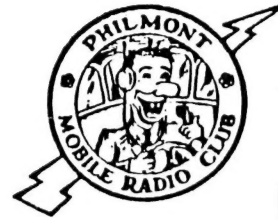


THE BLURB - P.O. BOX 207 NEW BRITAIN, PA 1



PHILMONT
MOBILE RADIO CLUB
THE Blurb
JULY 1986
W3RQZ • W3TKQ • W3QV



the blurb

A Philmont Mobile Radio
Club Publication

P.O. Box 207
New Britain, PA 18901

FIRST CLASS MAIL



- ★ INTERNATIONAL
NAVAL REVIEW
- ★ *The* TALL SHIPS
- ★ THE BLUE ANGELS
- ★ BATTLESHIP IOWA
- ★ USS. J. F. KENNEDY
DEDICATION AND
RELIGHTING
OF STATUE OF
LIBERTY



VOLUME XXXVI

Number 7

THE BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club, Inc. Our purpose is to promote Amateur Radio in general and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs and requests should be sent to the Editor. THE BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The Club meets on the first (mostly) Monday of every month at The Franklin Institute, 21st St. & Ben Franklin Parkway, rear entrance.

ALL VISITORS ARE WELCOME !!

Amateur Radio License Exams - Every Meeting night at 6:30 p.m.

The Club's mailing address - P.O. Box 88, Abington, PA 19001
AND --- PLEASE NOTE phone number - (215) 448-1139
24 hrs/day, everyday

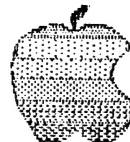
1986 OFFICERS

President - Fred Reichert, Sr., KA3BET, 1062 Quarry Hill Road,
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Vee - Benjamin "Ben" Roeshman, W3LKI, 1454 Braddock Lane, Penn Wynne,
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18925
Treasurer - Edward "Ed" Misarsky, KB3IV, 13 Poe Avenue, Wyncote, PA 19095
Directors - AK2I(87), W3RM(87), W3BBB(86), W3VVS(86), W3SRU(A), K3GBA(A)
N3DHI(A)

the club stations -
W3RQZ, 1176 Old York Road, Abington, PA 19001: Trustee-W3VVS
W3QV, 8200 Ridge Avenue, Philadelphia, PA 19128: Trustee-W3BBB
W3TKQ, The Franklin Institute, Philadelphia, PA 19103: Trustee-W3PWG
W3IKQ oprs - Fred, WA3AAL; John, N3ABS; Frank, K3TEF; Rollie, W3PWG

EDITOR - Woody Haldeman, W3PST, P.O. Box 207, New Britain, PA 18901
Art Work - Sam Kuncovich Assistant Editors - W3IIM & WB3KOJ
Typist - W3IIN Swap 'n' Shop - W3BBB

DEADLINE - To be assured of publication in the current month, all copy MUST be in the hands of the Editor at The Bored of Directors' Meeting, or the fifteenth of the month.



APPLE BYTES

JULY BIRTHDAYS

04-MARION BLUM (XYL N3AXJ)
05-MARY HUTCHINS (XYL KA3GUL)
-RAYMOND L. GILLESPIE - KB3JW
06-ROBERT T. BRANGAN - K3NYL
-EDNA McVAUGH (XYL W3LEM)
10-NATALIE S. GORDON - WB3KOH
-LOUIS RULLI - WB2WOM
12-GRACE SMITH (XYL K3GBA)
14-LAWRENCE J. CLIFFORD - W3UY
20-DAVID C. ANDERSON - WA2RDC
-IRWIN MILLER - K3KNH
24-PEGGY SNYDER (XYL W2HSA)
25-VIRGINIA J. HARING - W3IIN
27-HELEN BEAMON (XYL W3BFM)
28-FRANKIE GILPIN (XYL W3SRU)
31-STEPHEN C. HOCH - KA3AMO

LICENSE RENEWAL TIME

IT'S 610 FILL-OUT TIME FOR W3IIM & HIS MATE
W3IIN (THAT'S TOGETHERNESS)

HELP PHIL-MONT

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR
CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING
OR RENEWING THROUGH THE CLUB...CONTACT KB3IV
FOR THE DETAILS.

OVERHEARD ON 147.165

W3BBB & HIS YOUNGEST HARMONIC USING A PHONE
PATCH..WHERE IS THIS WORLD HEADING? NEXT THING
WE MIGHT HEAR IS THAT JW BOUGHT A RADIO!

H. A. M. (Help A Man)

WOULD SOMEONE PLEASE VOLUNTEER FOR SOMETHING
BEFORE W3SRU SPLITS A SEAM...THE POOR MAN HAS
MADE MORE APPEALS FOR HELP IN THE LAST MONTH
THAN THE AMERICAN RED CROSS... COME ON PHIL-
MONTERS, ALL IT COSTS IS A LITTLE TIME.

Phil-Mont Net Schedule

Sunday	Mon	Tuesday	Wednesday	Thursday	Fri	Sat
09:30 147.030 MHz FM		20:00 147.030 MHz FM	20:00 147.030 MHz FM	20:00 147.030 MHz FM		
10:00 29.000 MHz SSB		Personalized CW	TRIPLE B-S NET	BULLETIN NET		
10:20 3.993 MHz SSB		Practice Net	Swap Net			

May 86

MARYLAND HAMFEST



AND COMPUTERFEST

SPONSORED BY THE

BALTIMORE RADIO AMATEUR TELEVISION SOCIETY

SUNDAY, JULY 27, 1986

OPEN FOR SET-UP, SUNDAY AT 6 A.M.

DEALER SET-UP BEGINS SATURDAY AT 2 P.M.

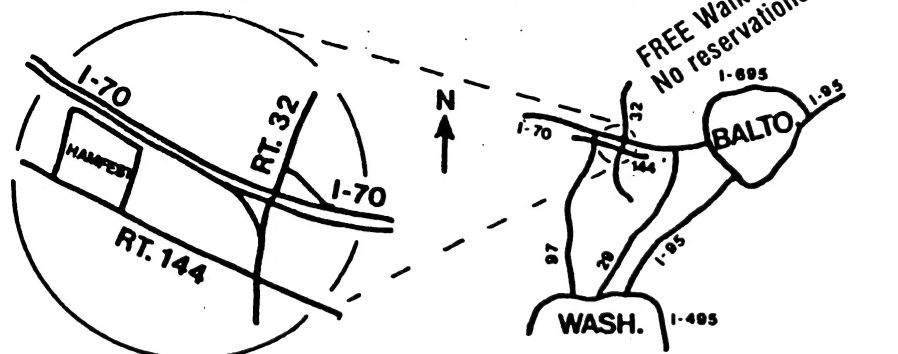
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HOWARD COUNTY FAIRGROUNDS

15 miles WEST of BALTIMORE

just off I-70 at RT. 32 on RT. 144

ACCESSIBLE TO THE HANDICAPPED



TOP PRIZES GIANT FLEA MARKET
GOOD FOOD REFRESHMENTS

INDOOR/OUTDOOR EXHIBIT AREAS
COMPUTERS RAIN OR SHINE

TALK-IN: 146.16/76
147.63/03
146.52

TICKETS: \$4
TAILGATING
TABLES AVAILABLE

KIDS UNDER 12 FREE!

FOR INFO & RESERVATIONS,
WRITE: BRATS
P.O. BOX 5915
BALTIMORE, MD 21208

BARNYARD LEFTOVERS by the Makefield Farmer

Editor's note: There will be no article this month due to the sudden heart attack that the Farmer's friend (W3PXY) suffered on June 7, while at his Beach Haven retreat. At this writing, PXY is getting a lot of R&R at SGR's shore house, and can frequently be found on the Tabernacle Repeater - 145.15. Hurry back, George!

from the front seat - -

You just never know, when one prints or says something how it's gonna affect nother person. The last person in the whole world I'd wanta hurt, or even expekt to hurt wuld be PXY. The BLURB's last issue was a little later than usual. Right after George received his copy, he ups and has a heart attack. Golly, George, I didn't know that you took me all that seriously. Come on home, George, we'll make it up to you, somehow, maybe even eleven bucks worth.

de w3p&t

Sam's CORNER

A NOTE TO SHIPYARD RETIREES:

A DRIVE IS ON FOR NEW MEMBERS TO JOIN LOCAL 3-1FPTE, THE GOLD CARD BRANCH OF NATIONAL COUNCIL OF SENIOR CITIZENS. WE MEET AT SHIPYARDS SUPV. CAFETERIA. 3PM ON THE 3RD WEDS OF EACH MONTH. DUES \$9.00 PER YEAR. JOIN AND MEET OTHER RETIREES.. LIQUID REFRESHMENT & SNACKS ARE FREE TO ALL. LEARN WHATS GOIN-ON IN WASHINGTON. GET A DRIVE-IN PASS AT THE YARDGATE

CONTACT ME FOR MORE DETAILS

JULY

MINUTES June 1986 GENERAL MEETING

KA3BET opened the 439th General Meeting of the Phil-Mont Mobile Radio Club at 8:13 P.M. on June 2nd.

W3IIN read the minutes of the May Directors' Meeting. KB3IV gave the Treasurer's Report. Both reports were approved as read.

W3VVS reported that as usual, the members outnumbered the visitors with 37 members and 8 visitors present. Paul introduced Dee Moore, WA2NSA; Bob Dennison, W2HBE; Norm Snyder, W2NS; Ed Deprelle, KA3OTI; Al Gaskill, W3JWF and XYL Edna; Mim Roeshman, XYL W3LKI; and Mike Lenczynski, KA3EIP.

Fred opened a short discussion on local antenna ordinances, and asked that all be aware of what is going on in their localities, and to please attend any meetings on these ordinances.

KB3JW gave a short report on the status of the antenna legislation in Upper Dublin Township.

N3DHI presented another list for MO-COM!, which fortunately, was of things that had been completed and done for the van. Rick stated that the alarm was now fixed and if anyone hears a pulsing tone on the repeater to call the Abington Twp. Police; the Kenwood TR 7950 for Position #1 has been installed; the Op Manual is finished and Rick will begin to train new drivers and operators soon; and the tower has been painted and will be installed in about 2 weeks. Rick thanked N3EAY for his work on the tower and also W3BBB, W3IIN & IIN, KA3BET, N3EBE and W3SRU, for helping with the wash and wax. Rick then read the text for a proposed brag tape to be used in the van.

KB3JW reported that the answering machine had been installed at W3TKQ, and was operational.

Fred asked for volunteers for the refreshment committee. Please contact Fred or any officer if you wish to help.

W3ZPP asked for operators for the 2 meter net. KB3JW and KA3BET will now be net controls.

W3LKI introduced our own Bob Thomas, W3QZD, who gave a very interesting and informative talk on Broadcast Communications.

W3IIN welcomed Milt Soss, N3AN, and Bud Heilbron, W3ISN, as new members of Phil-Mont.

WA3AUN reported that there were 18 applicants for licenses and 12 of the group passed their exams.

The meeting was adjourned at 9:57 P.M.

W3IIN Hon. Secretary

MINUTES June 1986 DIRECTORS' MEETING

KA3BET opened the meeting, held at the home of W3BBB, at 8:05 PM on June 18th. In attendance were W3'S, IIN, IIN, RM, VVS, LKI, YHB, K3'S GBA, GNM, KB3'S, IV, JW, and N3DHI.

A motion was made to dispense with the reading of the minutes. KB3IV gave the Treasurer's Report, which was approved as read.

W3IIN presented a new member application, Mike Lenczynski, KA3EID. His application was approved unanimously.

FM/RPT

Conducted By Stan Horzepa, WA1LOU
75 Krieger Dr. Wolcott, CT 06716
CompuServe ID no. 70645242

A Popular Repeater Run by BRATS

The following account on the care and feeding of a successful repeater club is told by Mayer D. Zimmerman, W3GXX (8711 Allenswood Rd, Randallstown, MD 21133).

Why is W3DID/R one of the most popular repeaters in the Baltimore-Washington corridor? Is it the repeater's features? Is it the nature of the repeater's users? Is it the conglomeration of repeater activities that appeal to area amateurs? The answer to each of these questions is yes and no!

To understand why 63/03 has been so successful, we should look at its sponsoring organization, the Baltimore Radio Amateur Television Society (BRATS). By no means is it the largest club in the area. It has a paid membership of approximately 225. However, since its inception, BRATS has had a reputation of being dedicated to specialized communication techniques and technical expertise. BRATS has always encouraged "the use of all modes of communications considered legal on these frequencies..." The lack of trepidation regarding something new and the willingness to try new modes play a major role in the success of the repeater system. As a result, the BRATS's repeater became known as the residence of the technically informed.

Much of the BRATS's repeater equipment is of the homebrew variety by design, if not necessity. 63/03 currently has two receivers linked back to one transmitter. Its 440-MHz link is traditional. The other link is W3WVV's

homebrewed microwave link on 2.3 GHz running a few milliwatts. Besides, the BRATS's 2-meter repeater is an ATV repeater, W3WCQ/R. The amateurs on ATV often use the 2-meter repeater for audio purposes, and that generates even more interest in ATV. There is also a packet-radio digital repeater, which was assembled by W3GXT. RTTY is often heard on 63/03.

But, we believe that the mainstay of our success is our weekly nets. Nearly every evening, during prime-time television viewing, we hold nets on 63/03. There is an equipment trading net and a traffic and information net on Monday evenings. On Tuesdays, there is an RTTY net with a voice portion that allows RTTY novices to ask questions and get assistance. Wednesdays finds a reading for the visually impaired net, in which a club member reads articles from *QST*, *The BRATS Milliwatt* and other publications of interest to amateurs. Thursday evenings are dedicated to a photography net and a DX-information net. There is also a packet-radio net on Fridays and a news-bulletin net on Saturdays that covers items of national and local interest. To round out the week, our resident technical experts hold a technical question and answer net called "The Answer Man" after the news bulletin net on Saturdays. Questions about antennas, feed lines, etc, are answered, as are a large variety of questions dealing with all aspects of Amateur Radio and television. Listeners are invited to submit questions in

writing if they cannot or do not wish to check into the net.

Interestingly enough, each net has check-ins who do not check into any other net. Each net also has check-ins who are not club members, because each net begins with this announcement, "This is the X Net of the BRATS. Anyone may check into this or any other net or use the repeater at any time." We do not solicit new members, nor do we pass out membership application forms. We wait for hams to ask for an application to join. The increased use of the repeaters, along with good leadership and a dedicated cadre of members, has kept the club together and created a sense of personal pride and accomplishment for each member. As a result, there is a greater percentage of membership renewals each year and a greater club growth.

Of course, our nets are coupled with interesting club meetings, public-service participation, a successful annual hamfest, and the knowledge that there are club members who are always able and willing to help others with technical problems.

Why then, our success and growth? We believe it is, in large measure, because of our weekly nets on 63/03. These nets encourage people who are interested in a specific facet of Amateur Radio to participate. And, they get people who may not be interested in a particular area to become interested and learn something new. The nets promote growth and achievement. After all, that's what Amateur Radio is all about.

Continued from page 5

Jake was also instrumental in spearheading the Volunteer Examiner (VE) program that has also proven to be so successful. He conceived the idea, and met his goal of beginning the program on April 1, 1985. Volunteers were found, and he manages to keep the program going with the required number of certified VE testers at each session.

"There's just so much that one man can do" said Jake. He feels that he no longer has the time to devote to all of these activities, and has pleaded with the club to find someone to relieve him of the weekly burden of preparing and presenting all of the bulletin material. Seeing no one step forward, he nonetheless terminated his involvement with a brief announcement at the end of the June 12th session.

Jake announced that he would be happy to work with anyone who wishes to continue the net.

OLD BUSINESS

THE BLURB 30 YEARS AGO JULY 1956

W3DHI reads the latest ARRL bulletins nightly Sunday through Friday on 28.888 at 21:45. (the original Bulletin Station? -ed.) ... The Central Michigan ARC sends praise for the Blurb and "Every Single Minute" film ... Future meeting programs: PXY - Design of Military equipment; JGB - Tricks with electronic components; NIP - Picture program of club activities ... QQH was on WCAU-TV program "5 Minutes More" with Ed McMahon and John Facenda, talking about ham activities in the area. They had a 2 way conversation with W3NIP ... Since adopting the idea of including, with every BLURB, a 2 cent post card with which to submit info for the BLURB, the response has been excellent with about a 10% return ratio!

MOBILE MANIA

A synonym is a word you use when you can't spell the other one.

THE BLURB 15 YEARS AGO JULY 1971

"Baldy Bill" (YHV) retires from the Phila. Naval Shipyard ... Rolly (PWG) retires after 15 years with GE (preceded by 23 years active duty, and 7 years Naval reserve) ... PHRC picnic attendees: PXY (host), AAG, QQH, VVS, PST, OWK, RDC, PHC, KNH, LYR, and families of course! ... QQH has a new 6m FM base station ... Blurb expenses went up \$36 per year due to the new 8 cent stamp requirement ... WA3KLR is now Airman 1st. class.

Fred opened a discussion of possible procedures to follow for committing to future public service events.

N3DHI gave a report on the Core States Bicycle Race and discussed some of the problems encountered during the race.

K83JW reported that TKQ is to be moved in a few weeks to a temporary location on the 4th floor next to the observatory. Ray said that Rollie has asked for two lengths of coax, each about 150 feet long, so the equipment can be reconnected in its temporary location.

N3DHI made a motion that the club buy the coax for TKQ, with the funds for the purchase to come from the John Tinaglia Memorial Fund. The motion was seconded and passed unanimously.

W3888 gave an update on Paddlerama. All arrangements are being made and there are enough people to handle all the assignments. Jim also said that the pre-amp for the new repeater will be installed soon.

N3DHI opened a discussion of the problem of not having enough people to drive, set up, and break down Mo-Com. A long discussion followed concerning volunteers for Mo-Com and the feasibility of even keeping the van. It was finally decided that with the volunteers Rick had obtained from the present company and some he already had, that training sessions would be scheduled for all and to give the program some time to see if Mo-Com could be manned and kept.

Fred again brought to the attention of the board the resignation of AK2I, Jake from the Thursday night information net, and that no volunteers had come forth to help. K83IV, said that he would help when he could, and he would be in touch with Jake.

W3RM had made a preliminary recording of the brag tape for the repeater, which the board listened to. The final copy will be made soon and installed on the repeater.

N3DHI asked the board to approve the purchase of 1 large and 3 small plaques which could have special certificates inserted in them for special awards. The board approved the purchase unanimously.

The meeting was adjourned at 10:35 P.M.

Thanks to Jim and Elaine for their hospitality and goodies.

W3IIN Hon. Secretary.

BULLETIN STATION OFF THE AIR

After asking in vain for volunteers to continue the operation of this regular feature on the 03 repeater, Jake (AK2I) terminated on June 12 his active involvement in this well received service which he founded.

Soon after the net began on, or about, March 15, 1984, he added, by popular demand, the additional service of listing items for sale. By the end of the year, this very popular new feature had been given a night of its own on the repeater. Volunteers were found to help with the chores, and the "Triple-8S" net is continuing to be a successful part of Phil-Mont's services to the local amateur community.

Continued on page 12

MT NITTANY HAM FESTIVAL.....PLEASANT GAP, PA
(NEAR BELLEFONTE/STATE COLLEGE)

The Nittany Amateur Radio Club will hold its annual Mt Nittany Ham Festival at the Firemen's Carnival Grounds in Pleasant Gap, Pa. 10 miles north of State College and 5 miles south of I-80, just off Route 26. Doors open from 8 am to 4 pm. Admission \$3 per ham, spouses and children free. No extra charge for flea market space. Program and good food available. Talk in on 146.16/76 from the north and west, on 146.25/85 from the south and east, and on 146.52. For further information, contact Chuck McMullen, K3CM, 7 Holly Circle, State College, Pa. 16801.

THE HAM STORE will be there with a big display. If you are interested in RTTY, there will be a pile of KANTRONICS AND AEA RTTY stuff for the Commodore 64 at 50% off list price. How about a HY-Gain Explorer 14 Beam for \$269 (just one)? What about 10% off ARRL publications? A free Repeater Directory with every order over \$50. But to get these special deals, you must have your address label from The Ham Store catalog with you.

Come and see new Ten Tec rigs, B&W antennas, Hustler, NYE keys, Bencher Paddles...and all kinds of stuff for PACKET RADIO.

Repeater interference

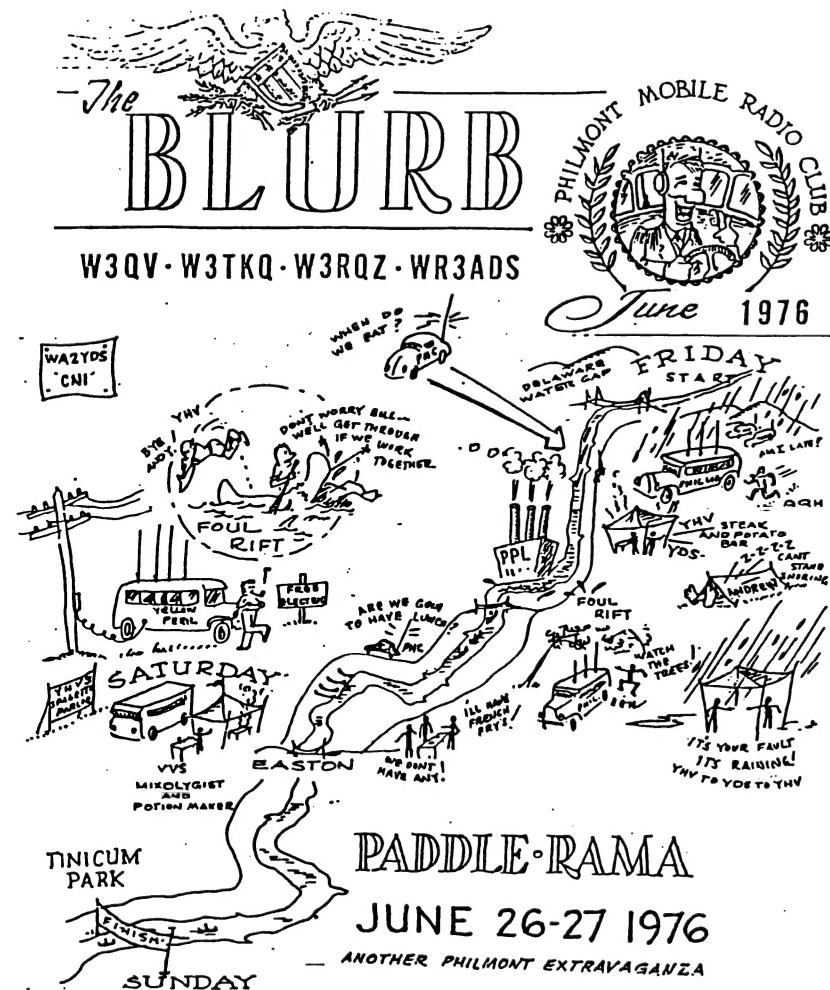
On April 21, FCC adopted rules making "... Amateur station in repeater of auxiliary operation mutually responsible to resolve interference between them, except when one repeater or auxiliary operation is coordinated and the other is not. Then, the station engaged in the noncoordinated repeater or auxiliary operation has primary responsibility for resolving any interference." (PR Docket 85-22, News release on 04/25/86) "The Commission took this action to reduce the number of repeater interference disputes requiring FCC intervention. "It decided against requiring coordination as a condition precedent to repeater operation and also decided against adopting more detailed repeater coordination rules. "The Commission indicated that more comprehensive measures would not be considered unless the rules adopted do not resolve the problem adequately. "These rules become effective 0001 UTC July 12, 1986." When this was written, the actual rules text was not available. A quote of the rule amendments will be in next month's HIGHLIGHTS.

FCC asserts authority

In answer to a recent query regarding a local radio interference ordinance, FCC stated that it has the authority to establish minimum performance standards for home entertainment equipment. It noted that the rules in Part 97 "delineate the technical standards for operating Amateur Radio Stations. "State and local laws that either require Amateurs to cease operation or pay fines when interference occurs conflict with our regulatory scheme. "This is especially true when Amateurs, who are fully complying with our rules, must cease operation or operate at technical levels below those established in our rules in order to avoid state or local sanctions." (ARRL Letter, 04 25 86).

THIS page by

W3ZPP



**** UPDATE ****

- JULY 7 General Meeting program: Frank Buhler, Vice President and Staff Engineer with Corbett Elevator Company, will present a program on The once in a lifetime experience of installing the elevator in the Statue of Liberty. Video tapes!
- JULY 19-20 24th Annual PADDLERAMA - or (wha happen to the Wishkee Sowers? Thay're aroun here somware!)
- AUGUST 4 General Meeting Program: FRENCHY (W3IRS) will present a program on the Department of Defense Military Affiliate Radio Systems (MARS). Included will be representation from the Army, the Airforce, and the Navy discussing the coordination of the military radio system. (This program was rescheduled from earlier in the year.)
- SEPTEMBER 8 General Meeting Program to be announced.
- OCTOBER 6 General Meeting Program to be announced.
- NOVEMBER 3 OLE TIMER'S NIGHT!
- DECEMBER 1 ELECTIONS



FROM THE FROG BOG

All work and no pay makes a Housewife.

HAMFESTS

We will print an ongoing schedule of Hamfests based on information received. Please help us keep our list current. To be printed in this column, YOU must send it to W3IIM prior to BLURB deadline.

- July 6 Wilkes-Barre Computer & Hamfest, Coal St. Sports Complex, Wilkes-Barre, PA 08:00-??:?? K3SAE 717-388-6863 146.61 146.52
- July 13 Penn Wireless "TRADEFEST 86", Bucks County Community College, Swamp Road, Newtown, PA 08:00-16:00 WB3IRC 215-752-1202 146.715 146.52
- July 27 BRATS Maryland Computer & Hamfest, Howard County Fairgrounds, 172 + Rt 32, West Friendship, MD 06:00-15:00 W3GXX PO Box 5915, Baltimore, MD 21208 146.76
- Aug. 10 MARC Hamfest, Bucks County Drive-In, Rt 611, Warrington, PA 08:00-15:00 WA3PZD 215-449-9727 147.06 146.52
- Aug. 24 Gloucester County ARC Hamfest, Gloucester County 4H Fairgrounds, Rt 77, Mullica Hill, NJ 08:00-16:00 K2FJ 609-589-2318 147.18 146.52
- Sept 14 SJRA, Pennsauken High School, Pennsauken, NJ 08:00-16:00 W2YRW 145.29 144.69
- Sept 20 Maple Shade ARC Hamfest, Maple Shade High School, Coles Ave., Maple Shade, NJ 09:00-??:?? 224.62 146.52

New Jersey

Hamfest USA will be held on Friday night, July 18, at the Moorestown High School at the corner of Bridgeboro and Stanwick Roads in Moorestown. Doors open at 6:00 pm to 11:00 pm, set-up for sellers will start at 4:00 pm. Admission for all activities will be \$2.00, XYL and harmonics will be free unless they are licensed.

About 150-200 tables and spaces indoors, displays, VEC testing, and some forums. Tables are \$9.00 unless you bring your own and then it will be \$6.00. Handicapped parking is available and there is parking capacity for over 2000 cars. Limited electricity, with a fee for its use.

Talk-in 145.29/144.69, 146.52, and 223.50.

For information and reservations for tables, write Hamfest USA, 15 East Camden Avenue, Moorsetown, New Jersey, 08057 or call 609-234-3926.

Phil-Mont Calendar

1986

JULY

1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 CODE PRACTICE NET	2 SWAP NET	3 BULLETIN NET	4 <i>Independence Day</i>	5
6 2m NCS WB3CMM 10m NCS W3KDO 75m NCS W3PWG	7 GENERAL MEETING & LICENSE EXAMS	8 CODE PRACTICE NET	9 SWAP NET	10 BULLETIN NET	11	12
13 2m NCS W3ZPP 10m NCS WB3KAC 75m NCS W3AOA	14	15 CODE PRACTICE NET	16 SWAP NET DIRECTORS' MEETING at WB3KOH&J's	17 BULLETIN NET	18	19 PADDLERAMA
20 2m NCS KB3JW 10m NCS KB3CT 75m NCS W3RCE PADDLERAMA	21	22 CODE PRACTICE NET	23 SWAP NET	24 BULLETIN NET	25	26
27 2m NCS W3AA 10m NCS KB3QE 75m NCS AK2I	28 <i>W.W. /</i>	29 CODE PRACTICE NET	30 SWAP NET	31 BULLETIN NET		